

## EAST Search History

L20	271	l19 and silane	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:00
L21	113	l19 and (silane with (formula or formulae))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:00
L22	22	l19 and (silane with (formula or formulae)) same hydroxy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:01
L23	74	l19 and (silane with (formula or formulae)) and hydroxy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:01
L24	74	l19 and (silane with (formula or formulae)) and hydroxy and (semiconductor or semiconducting or silicon)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:04
L25	58	l19 and (silane near10 (formula or formulae)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:11
L26	37	l19 and (silane near10 (formula or formulae)).clm. and hydroxy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:13
L27	3	l19 and (silane near10 (formula or formulae)).clm. and (hydroxy with (mole or mol or molar))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:14
L28	12	l19 and (silane near10 (formula or formulae)) and (hydroxy with (mole or mol or molar))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:14
L29	12	l19 and (silane near10 (formula or formulae)) and (hydroxy with (mole or mol or molar or ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:14

## EAST Search History

L30	12	l19 and (silane near10 (formula or formulae)) and (hydroxy with (mole or mol or molar or ratio or percent or percentage))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:15
L31	71	l19 and (silane near10 (formula or formulae)) and hydroxy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:16
L32	71	l19 and (silane near10 (formula or formulae)) and hydroxy and weight	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:16
L33	68	l19 and (silane near10 (formula or formulae)) and hydroxy and (molecular near weight)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:17
L34	16	l19 and (silane near10 (formula or formulae)) and (hydroxy same (molecular near weight))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:24
L35	16	l19 and (silane with (formula or formulae)) and (hydroxy same (molecular near weight))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:25
L36	32	l19 and (silane and (formula or formulae)) and (hydroxy same (molecular near weight))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:25
L37	13	l19 and (silane and (formula or formulae)) and (hydroxy same (molecular near weight) same (mol or mole or molar or ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:25
L38	20	l19 and (silane and (formula or formulae)) and (hydroxy near10 (mole or molar or mol or ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:28
L39	20	l19 and (silane and (formula or formulae)) and (hydroxy near10 (mole or molar or mol or ratio or percent or percentage))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:29

## EAST Search History

L40	31	l19 and (hydroxy near10 (mole or molar or mol or ratio or percent or percentage))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:29
L41	80	l19 and (hydroxy near group)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:34
L42	1	l19 and (polysiloxane or organosiloxane) with precursor with (molecular near weight) with (mol or mole or molar)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:35
L43	3	l19 and (polysiloxane or organosiloxane) same precursor same (molecular near weight) same (mol or mole or molar)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:35
L44	6	l19 and ((siloxane or polysiloxane or organosiloxane) same precursor same (molecular near weight) same (mol or mole or molar))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:36
L45	5	l19 and ((siloxane or polysiloxane or organosiloxane) same hydroxy same (molecular near weight) same (mol or mole or molar))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:40
L46	3	l19 and ((siloxane or polysiloxane or organosiloxane) same hydroxy same (molecular near weight) same (mol or mole or molar) same water)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:41
L47	20	l19 and (hydroxy near10 (mole or molar or ratio or percent or percent))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:43
L48	0	l19 and shiplery	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:51
L49	57	l19 and shipley	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:51



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L50	43	l19 and shipley and hydroxy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:51
L51	41	l19 and shipley and hydroxy and (mole or molar or mol)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:52
L52	41	l19 and shipley and hydroxy and (mole or molar or mol) and (molecular near weight)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:56
L53	182	l19 and hydroxy and (mole or molar or mol) and (molecular near weight)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:57
L54	18	l19 and (hydroxy same (mole or molar or mol) same (molecular near weight))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:57
L55	72	l19 and (hydroxy near group) and (mole or molar or mol) and (molecular near weight)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:58
L56	65	l19 and (hydroxy near group) and (mole or molar or mol) and (molecular near weight) and (water) and (alcohol or solvent)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 11:59
L57	151	l19 and (hydroxy) and (mole or molar or mol) and (molecular near weight) and (water) and (alcohol or solvent)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 12:00
L58	51	l19 and (hydroxy).clm. and (mole or molar or mol) and (molecular near weight) and (water) and (alcohol or solvent)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 12:00
L59	19	l19 and (hydroxy).clm. and (mole or molar or mol) and ((molecular near weight) or mw).clm. and (water) and (alcohol or solvent)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 12:02

## EAST Search History

L60	15	l19 and (hydroxy).clm. and (mole or molar or mol).clm. and ((molecular near weight) or mw).clm. and (water) and (alcohol or solvent)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 12:02
L61	13	l19 and (hydroxy).clm. and (mole or molar or mol).clm. and ((molecular near weight) or mw).clm. and (water) and (alcohol or solvent).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 12:02
L62	9	l19 and (hydroxy).clm. and (mole or molar or mol).clm. and ((molecular near weight) or mw).clm. and (water).clm. and (alcohol or solvent).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 12:03
L63	13	l19 and (hydroxy).clm. and (mole or molar or mol).clm. and ((molecular near weight) or mw).clm. and water and (alcohol or solvent).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 12:03
L64	15	l19 and (hydroxy).clm. and (mole or molar or mol).clm. and ((molecular near weight) or mw).clm. and water and (alcohol or solvent)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 12:04
L65	7	l19 and (hydroxy).clm. and (mole or molar or mol).clm. and ((molecular near weight) or mw).clm. and water and (alcohol or solvent) and silane.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 12:04
L66	159	(hydroxy).clm. and (mole or molar or mol).clm. and ((molecular near weight) or mw).clm. and water and (alcohol or solvent) and silane.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 12:04
L67	58	(hydroxy).clm. and (mole or molar or mol).clm. and ((molecular near weight) or mw).clm. and water and (alcohol or solvent) and silane.clm. and (siloxane or polysiloxane or organosiloxane).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 12:05
L68	5	(hydroxy).clm. and (mole or molar or mol).clm. and ((molecular near weight) or mw).clm. and water and (alcohol or solvent) and silane.clm. and (siloxane or polysiloxane or organosiloxane).clm. and semiconductor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 12:05

## EAST Search History

L69	42	(hydroxy).clm. and (mole or molar or mol).clm. and ((molecular near weight) or mw).clm. and water and (alcohol or solvent) and silane.clm. and (siloxane or polysiloxane or organosiloxane). clm. and (silicon or semiconducting or semiconductor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 12:06
L70	99	(hydroxy).clm. and (mole or molar or mol).clm. and ((molecular near weight) or mw) and water and (alcohol or solvent) and silane. clm. and (siloxane or polysiloxane or organosiloxane).clm. and (silicon or semiconducting or semiconductor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 12:06
L71	157	(hydroxy).clm. and (mole or molar or mol) and ((molecular near weight) or mw) and water and (alcohol or solvent) and silane. clm. and (siloxane or polysiloxane or organosiloxane).clm. and (silicon or semiconducting or semiconductor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 12:06
L72	494	(hydroxy) and (mole or molar or mol) and ((molecular near weight) or mw) and water and (alcohol or solvent) and silane.clm. and (siloxane or polysiloxane or organosiloxane).clm. and (silicon or semiconducting or semiconductor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 12:08
L73	1203	(hydroxy) and (mole or molar or mol) and ((molecular near weight) or mw) and water and (alcohol or solvent) and silane.clm. and (siloxane or polysiloxane or organosiloxane) and (silicon or semiconducting or semiconductor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 12:08
L74	44	l19 and (hydroxy) and (mole or molar or mol) and ((molecular near weight) or mw) and water and (alcohol or solvent) and silane.clm. and (siloxane or polysiloxane or organosiloxane) and (silicon or semiconducting or semiconductor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 12:08

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L93	429	(US-20040220330-\$ or US-20030181533-\$ or US-20060127587-\$ or US-20050094302-\$ or US-20020142586-\$ or US-20060020097-\$ or US-20030109660-\$ or US-20010055891-\$ or US-20040121139-\$ or US-20020090755-\$ or US-20060045984-\$ or US-20060115766-\$ or US-20060211836-\$ or US-20060210812-\$ or US-20050158666-\$ or US-20040143082-\$ or US-20070015893-\$ or US-20070012914-\$ or US-20060141163-\$ or US-20060083694-\$ or US-20050153643-\$ or US-20040162011-\$ or US-20040110854-\$ or US-20030214051-\$ or US-20030205699-\$ or US-20040076391-\$).did. or (US-20030151032-\$ or US-20030096904-\$ or US-20030055179-\$ or US-20020037991-\$ or US-20050079132-\$ or US-20050064796-\$ or US-20050064209-\$ or US-20050037693-\$ or US-20050025797-\$ or US-20040254419-\$ or US-20040210289-\$ or US-20040144755-\$ or US-20040132305-\$ or US-20030055134-\$ or US-20020005017-\$ or US-20010049912-\$ or US-20010008828-\$ or US-20070010702-\$ or US-20060160008-\$ or US-20060188907-\$ or US-20050259212-\$ or US-20050090570-\$ or US-20060178444-\$ or US-20060159850-\$ or US-20060058451-\$ or US-20050222332-\$ or US-20040242768-\$).did. or (US-20040176558-\$ or US-20040059049-\$ or US-20040019224-\$ or US-20040007155-\$ or US-20030170304-\$ or	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/20 14:09
3/20/07 4:22:11 PM	C:\Documents and Settings\Fred\My Documents\EAST\workspaces\10516493_case.wsp					Page 9



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L94	380	I93 and (silicon or semiconductor or semiconducting)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 14:10
L95	312	I93 and (silicon or semiconductor or semiconducting) and (insulating or dielectric or insulation or insulator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 14:10
L96	152	I93 and (silicon or semiconductor or semiconducting) and (insulating or dielectric or insulation or insulator) and hydroxy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 14:11
L97	123	I93 and (silicon or semiconductor or semiconducting) and (insulating or dielectric or insulation or insulator) and hydroxy and silane	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 14:11
L98	113	I93 and (silicon or semiconductor or semiconducting) and (insulating or dielectric or insulation or insulator) and hydroxy and silane and (mole or mol or molar)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 14:12
L99	106	I93 and (silicon or semiconductor or semiconducting) and (insulating or dielectric or insulation or insulator) and hydroxy and silane and (mole or mol or molar) and (mw or (molecular near weight))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 14:12
L100	79	I93 and (silicon or semiconductor or semiconducting) and (insulating or dielectric or insulation or insulator) and hydroxy and silane and (mole or mol or molar) and (mw or (molecular near weight)) and (polysiloxane or organo-siloxane or organosiloxane)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 14:13
L101	101	I93 and (silicon or semiconductor or semiconducting) and (insulating or dielectric or insulation or insulator) and hydroxy and silane and (mole or mol or molar) and (mw or (molecular near weight)) and (polysiloxane or organo-siloxane or organosiloxane or siloxane)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 14:21



## EAST Search History

L102	21	193 and (silicon or semiconductor or semiconducting) and (insulating or dielectric or insulation or insulator) and hydroxy and silane and (mole or mol or molar) and (mw or (molecular near weight)) and (polysiloxane or organo-siloxane or organosiloxane or siloxane) and (hydroxy with (mol or mole or molar or gram or gm))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 14:25
L103	14	193 and (silicon or semiconductor or semiconducting) and (insulating or dielectric or insulation or insulator) and hydroxy and silane and (mole or mol or molar) and (mw or (molecular near weight)) and (polysiloxane or organo-siloxane or organosiloxane or siloxane) and (hydroxy near10 (mole or molar or mol or mix or mixing or mixture or component or ratio or percent or percentage))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 14:27
L104	14	193 and (silicon or semiconductor or semiconducting) and (insulating or dielectric or insulation or insulator) and silane and (mole or mol or molar) and (mw or (molecular near weight)) and (polysiloxane or organo-siloxane or organosiloxane or siloxane) and (hydroxy near10 (mole or molar or mol or mix or mixing or mixture or component or ratio or percent or percentage))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 14:27
L105	17	193 and (silicon or semiconductor or semiconducting) and (insulating or dielectric or insulation or insulator) and silane and (mole or mol or molar) and (mw or (molecular near weight)) and (polysiloxane or organo-siloxane or organosiloxane or siloxane) and (hydroxy near10 (mole or molar or mol or mix or mixing or mixture or component or ratio or percent or percentage or content))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 14:30
L106	57	193 and (hydroxy near10 (mole or molar or mol or mix or mixing or mixture or component or ratio or percent or percentage or content))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 14:33

## EAST Search History

L107	58	I93 and (hydroxy near10 (mole or molar or mol or mix or mixing or mixture or component or ratio or percent or percentage or content or concentration))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 14:33
L108	13	I93 and (hydroxy near10 (mole or molar or mol or mix or mixing or mixture or component or ratio or percent or percentage or content or concentration)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 14:34
L109	58	I93 and (hydroxy near10 (mole or molar or mol or mix or mixing or mixture or component or ratio or percent or percentage or content or concentration))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 14:34
L110	41	I93 and (hydroxy near10 (mole or molar or mol or mix or mixing or mixture or component or ratio or percent or percentage or content or concentration)) and (formula or formulae).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 14:34
L111	146	I19 and ((mole or mol or molar) near2 ratio)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 14:43
L112	134	I19 and ((mole or mol or molar) near2 ratio) and (molecular near weight)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 14:43
L113	64	I19 and (siloxane near10 (polysilica or silica))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 15:17
L114	287	I19 and (molecular near weight)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 15:21
L115	26	I19 and (organic near10 solvent near10 acid)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 15:22

## EAST Search History

L116	19	l19 and (organic near10 solvent near10 acid same water)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 15:52
L117	2	"20010055891"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 15:52